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- 1139 **Wetzel, Andreas.** Interrelationships between porosity and other geotechnical properties of slowly deposited, fine-grained marine surface sediments 92(1-2): 105-113
- 1140 **Wheatcroft, Robert A.; and Jumars, Peter A.** Statistical re-analysis for size dependency in deep-sea mixing 77(1-2): 157-163
- 1141 **Wheatcroft, Robert A.; and Jumars, Peter A.** Erratum; Statistical re-analysis for size dependency in deep-sea mixing 78(1-2): 183
- 1142 **Whitehouse, R. J. S.; and Hardisty, J.** Experimental assessment of two theories for the effect of bedslope on the threshold of bedload transport 79(1-2): 135-139
- 1143 **Whiteman, A. (reviewer).** Geology of offshore Ireland and West Britain [book review] 56(1-4): 348-349
- 1144 **Whitham, A. G.** The behaviour of subaerially produced pyroclastic flows in a subaqueous environment; evidence from the Roseau eruption, Dominica, West Indies 86(1): 27-40
- 1145 **Wickremaratne, W. Shanti.** Preliminary studies on the offshore occurrences of monazite-bearing heavy-mineral placers, southwestern Sri Lanka 72(1-2): 1-9
- 1146 **Williams, Albert J., III.** BASS, an acoustic current meter array for benthic flow-field measurements 66(1-4): 345-355
- 1147 **Williams, A. T.; and Caldwell, N. E.** Particle size and shape in pebble-beach sedimentation 82(3-4): 199-215
- 1148 **Williams, A. T.; Miles, R. G.; and Tough, G.** Computer characterization of aspects of grain-edge roughness using the scanning electron microscope 74(3-4): 291-294
- 1149 **Williams, A. T.; and Thomas, M. C.** Analysis of barrier island surface sediments by scanning electron microscopy 86(2-3): 101-118

- 1150 Williams, Douglas F.; and Healy-Williams, Nancy. Stable isotope gradients in modern benthic foraminifera of the Vema Channel, South Atlantic 58(1-2): 123-135
- 1151 Wingfield, Robin. The origin of major incisions within the Pleistocene deposits of the North Sea 91(1-2): 31-52
- 1152 Winter, Amos; Almogi-Labin, Ahuva; Erez, Jonathan; *et al.* Salinity tolerance of marine organisms deduced from Red Sea Quaternary record 53(1-2): M17-M22
- 1153 Wolf, K. H. (reviewer). Cyclic and event stratification [book review] 52(3-4): 306-307
- 1154 Woodroffe, C. D.; Curtis, R. J.; and McLean, R. F. Development of a chenier plain, Firth of Thames, New Zealand 53(1-2): 1-22
- 1155 Woodroffe, C. D.; Veeh, H. H.; Falkland, A. C.; *et al.* Last interglacial reef and subsidence of the Cocos (Keeling) Islands, Indian Ocean 96(1-2): 137-143
- 1156 Woods, Donald R.; and Tietjen, John H. Horizontal and vertical distribution of meiofauna in the Venezuela Basin 68(1-4): 233-241
- 1157 Worsley, Thomas R.; Nance, Damian; and Moody, Judith B. Global tectonics and eustasy for the past 2 billion years 58(3-4): 373-400
- 1158 Wright, L. D.; Boon, J. D.; Kim, S. C.; *et al.* Modes of cross-shore sediment transport on the shoreface of the Middle Atlantic Bight 96(1-2): 19-51
- 1159 Wright, L. D.; Nielsen, P.; Shi, N. C.; *et al.* Morphodynamics of a bar-trough surf zone 70(3-4): 251-285
- 1160 Wright, L. D.; and Short, A. D. Morphodynamic variability of surf zones and beaches; a synthesis 56(1-4): 93-118
- 1161 Wright, L. D.; Short, A. D.; Boon, J. D., III; *et al.* The morphodynamic effects of incident wave groupiness and tide range on an energetic beach 74(1-2): 1-20
- 1162 Wright, L. D.; Short, A. D.; and Green, M. O. Short-term changes in the morphodynamic states of beaches and surf zones; an empirical predictive model 62(3-4): 339-364
- 1163 Wu, Guoping; and Berger, W. H. Pleistocene $\delta^{18}\text{O}$ records from Ontong-Java Plateau; effects of winnowing and dissolution 96(3-4): 193-209
- 1164 Wu, Guoping; Yasuda, M. K.; and Berger, W. H. Late Pleistocene carbonate stratigraphy on Ontong-Java Plateau in the western Equatorial Pacific 99(1-2): 135-150
- 1165 Yamada, Masatoshi; and Tsunogai, Shizuo. Postdepositional enrichment of uranium in sediment from the Bering Sea 54(3-4): 263-276
- 1166 Yamamoto, Satoshi; Tokuyama, Hidekazu; Fujioka, Kantaro; *et al.* Carbonate turbidites deposited on the floor of the Palau Trench 82(3-4): 217-233
- 1167 Yan Qishang; Xu Shiyuan; and Shao Xusheng. Holocene cheniers in the Yangtze Delta, China 90(4): 337-343
- 1168 Yang, Chang-Shu. Estimates of sand transport in the Oosterschelde tidal basin using current-velocity measurements 72(1-2): 143-170
- 1169 Yang, Chang-Shu. Active, moribund and buried tidal sand ridges in the East China Sea and the southern Yellow Sea 88(1-2): 97-116
- 1170 Ying Wang; and Ke Xiankun. Cheniers on the east coastal plain of China 90(4): 321-335
- 1171 Yoon, S. H.; Chough, S. K.; Thiede, J.; *et al.* Late Pleistocene sedimentation on the Norwegian continental slope between 67° and 71°N 99(1-2): 187-207
- 1172 Young, Craig L.; Weisman, Richard N.; and Lennon, Gerard P. Modeling deposition of suspensate in Great Sound, New Jersey 82(1-2): 49-60
- 1173 Young, David K.; Jahn, Walter H.; Richardson, Michael D.; *et al.* Photographs of deep-sea lebensspuren; a comparison of sedimentary provinces in the Venezuela Basin, Caribbean Sea 68(1-4): 269-301
- 1174 Young, David K.; and Richardson, Michael D. (editors). Benthic ecology and sedimentary processes of the Venezuela Basin; past and present 68(1-4): 1-301
- 1175 Young, H. R.; and Nelson, C. S. Biodegradation of temperate-water skeletal carbonates by boring sponges on the Scott Shelf, British Columbia, Canada 65(1-2): 33-45
- 1176 Young, Robert A.; and Mann, Robert. Erosion velocities of skeletal carbonate sands, St. Thomas, Virgin Islands 69(1-2): 171-185
- 1177 Zangger, Eberhard; and McCave, I. N. A redesigned kasten core barrel and sampling technique 94(1-2): 165-171
- 1178 Zarillo, Gary A. Tidal dynamics and substrate response in a salt-marsh estuary 67(1-2): 13-35

- 1179 **Zarillo, Gary A.; and Liu, James T.** Resolving bathymetric components of the upper shoreface on a wave-dominated coast 82(3-4): 169-186
- 1180 **Zeff, Marjorie L.** Sedimentation in a salt marsh-tidal channel system, southern New Jersey 82(1-2): 33-48
- 1181 **Zeilinga de Boer, Jelle.** The Greek enigma; is development of the Aegean orogene dominated by forces related to subduction or obduction? 87(1): 31-54
- 1182 **Zenger, D. H.; and Chilingarian, G. V. (reviewers).** Cyclic and event stratification [book review] 54(3-4): 319-320
- 1183 **Zhao Xitao.** Cheniers in China; an overview 90(4): 311-320
- 1184 **Zhu Erqin; and Wang Qi.** Sedimentation on the north shelf of the East China Sea 81(1-4): 123-136
- 1185 **Zimmerle, W. (reviewer).** Petroleum geology [book review] 67(3-4): 336-337

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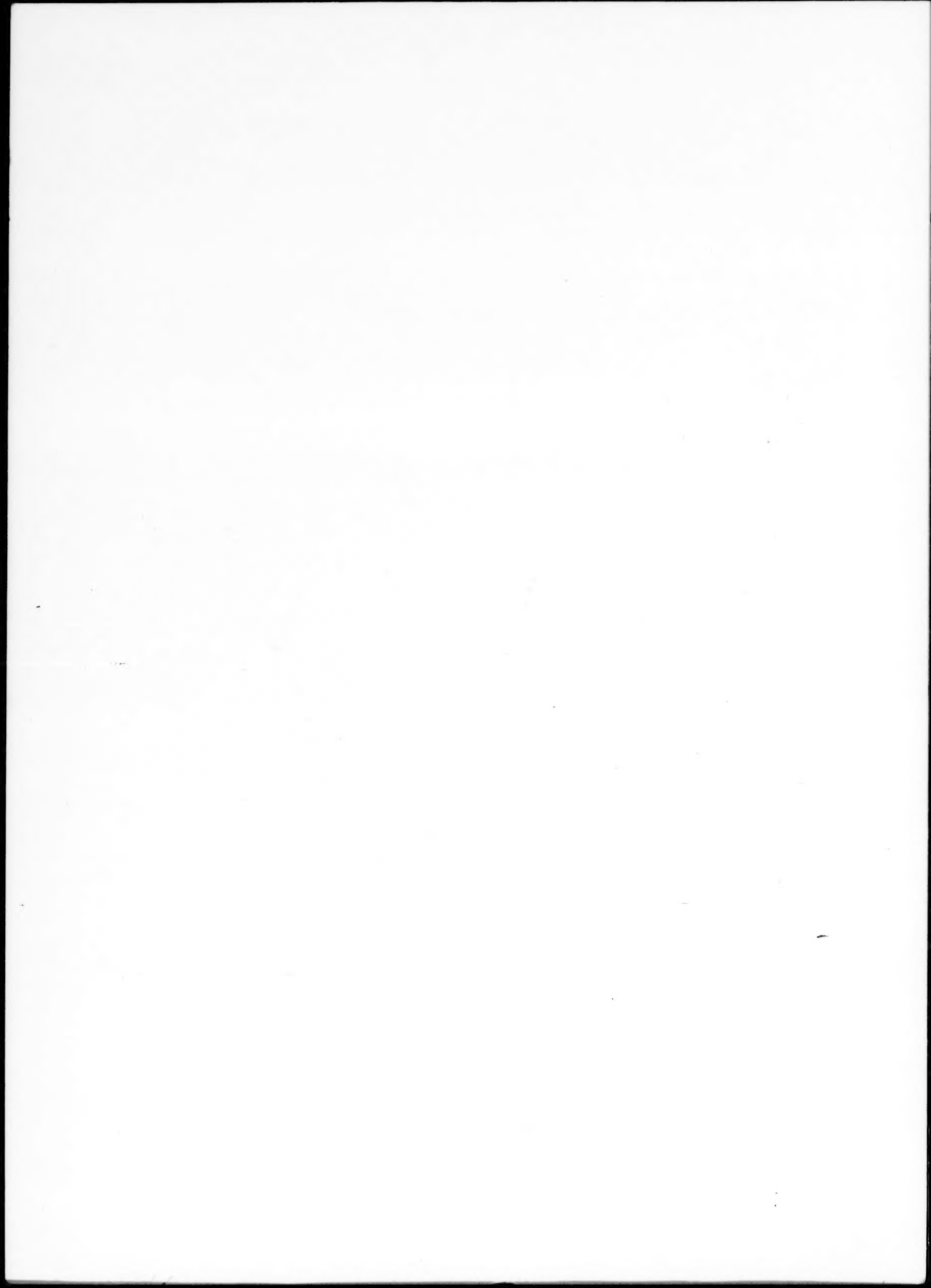
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